

### **WHAT IS CLAIMED IS:**

1. A magnetic socket, comprising a main body, and an urging ring,  
wherein:

the main body has a first end provided with a first drive portion  
5 having an inner wall formed with a first driving recess; and

the urging ring is movably mounted in the first driving recess of the  
first drive portion of the main body.

2. The magnetic socket in accordance with claim 1, wherein the main  
body has a second end provided with a second drive portion.

10 3. The magnetic socket in accordance with claim 2, wherein the  
second drive portion of the main body has an inner wall formed with a second  
driving recess.

4. The magnetic socket in accordance with claim 1, wherein the  
urging ring has an inner wall provided with a magnetic member.

15 5. The magnetic socket in accordance with claim 4, wherein the  
magnetic member is a magnetic ring.

6. The magnetic socket in accordance with claim 1, wherein the  
urging ring has an I-shaped cross-section profile.

7. The magnetic socket in accordance with claim 1, further  
20 comprising an elastic member mounted in the first driving recess of the first  
drive portion of the main body and urged on the urging ring.

8. The magnetic socket in accordance with claim 7, wherein the main body has a mediate portion formed with a resting shoulder, and the elastic member is urged between the resting shoulder of the main body and the urging ring.

5           9. The magnetic socket in accordance with claim 8, wherein the main body has a second end provided with a second drive portion formed with a second driving recess, and the resting shoulder is located between the first driving recess of the first drive portion and the second driving recess of the second drive portion.

10           10. The magnetic socket in accordance with claim 7, wherein the elastic member is a compression spring.

          11. The magnetic socket in accordance with claim 7, wherein the urging ring has a first end urged on the elastic member and a second end provided with a magnetic member.

15           12. The magnetic socket in accordance with claim 1, further comprising a retaining ring secured in the first drive portion of the main body and mounted on the urging ring, so that the urging ring is movably mounted on the retaining ring.

          13. The magnetic socket in accordance with claim 12, wherein the  
20   urging ring has an outer wall formed with an annular limiting groove, the inner wall of the first drive portion of the main body is formed with an annular locking groove, and the retaining ring has an outer wall secured in the locking

groove of the first drive portion of the main body and an inner wall movably mounted in the limiting groove of the urging ring.

14. The magnetic socket in accordance with claim 13, wherein the locking groove communicates with the first driving recess of the first drive  
5 portion of the main body.

15. The magnetic socket in accordance with claim 12, wherein the retaining ring is a C-shaped ring.

16. The magnetic socket in accordance with claim 13, wherein the retaining ring has a height smaller than that of the limiting groove of the urging  
10 ring, so that the retaining ring is limited between two walls of the limiting groove of the urging ring.

17. The magnetic socket in accordance with claim 12, wherein movement of the urging ring is limited by the retaining ring.